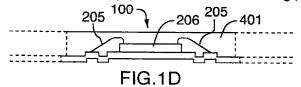


Step 2: Both side partial etch

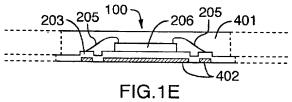


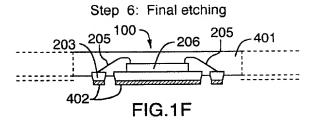
Step 3: Full Ni / Pd plating
203 202 100 203
FIG.1C

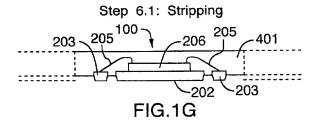
Step 4: Assembly (D / A, W / B and Molding)

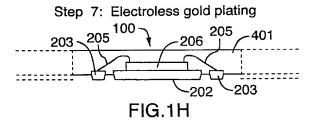


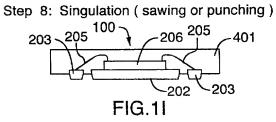
Step 5: Photo-resist (wet film) printing and curing (development)

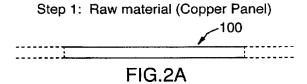












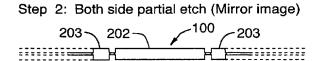


FIG.2B

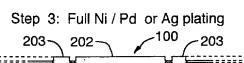
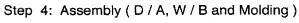
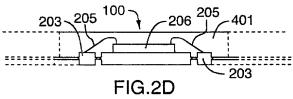
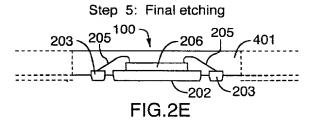


FIG.2C





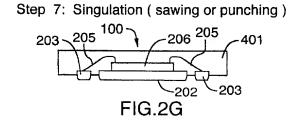


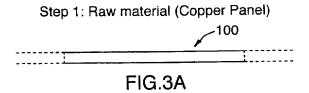
Step 6: Electroless gold plating

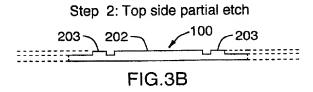
203 205 401

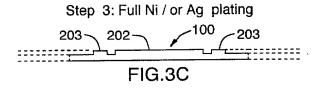
202 203

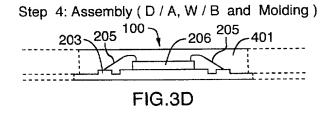
FIG.2F

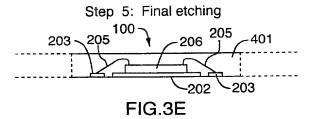












Step 6: Electroless gold plating

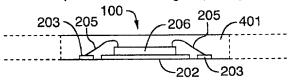


FIG.3F

Step 7: Solder ball attachment (optional)

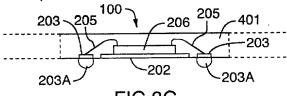
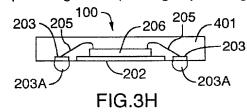
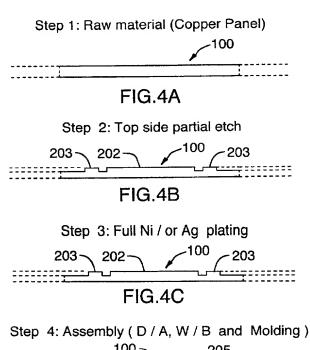
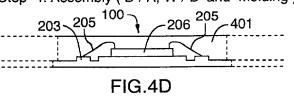


FIG.3G

Step 8: Singulation (sawing or punching)







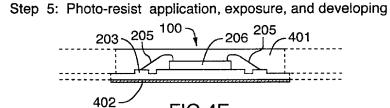
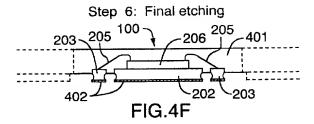
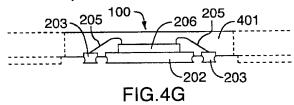


FIG.4E

Note: Dry film laminating or Wet-film spin coating



Step 7: Photo - resist stripping



Step 8: Electroless gold plating

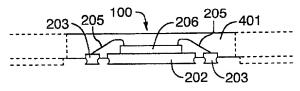
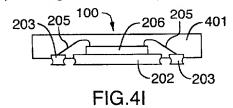
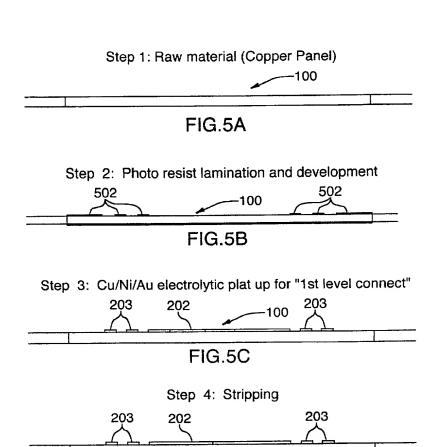


FIG.4H

Step 8: Singulation (sawing or punching)





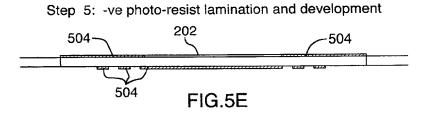


FIG.5D

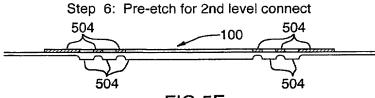
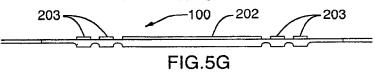
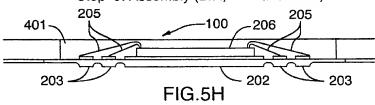


FIG.5F

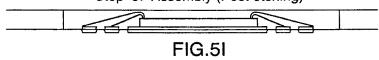
Step 7: Stripping and clearing



Step 8: Assembly (D/A, W/B and Mold)



Step 9: Assembly (Post etching)



Step 10: Singulation

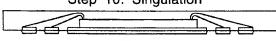
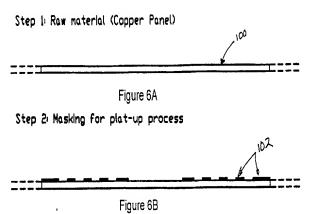


FIG.5J



Step 3: Plat up for '1st level connect'

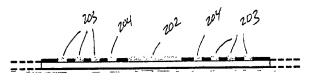


Figure 6C

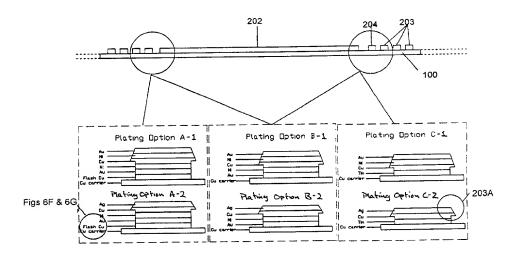
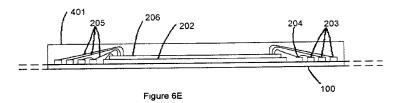


Figure 6D



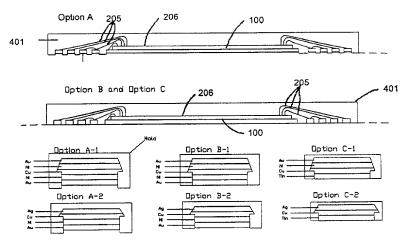
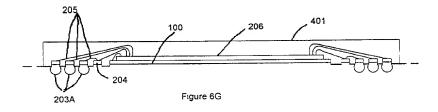


Figure 6F



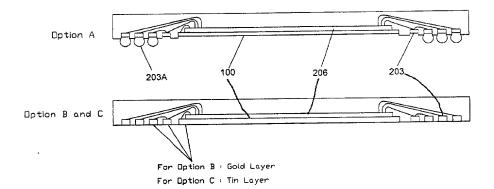


Figure 6H

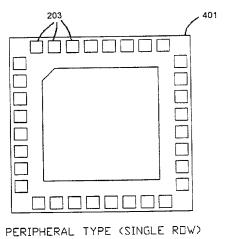


Figure 7

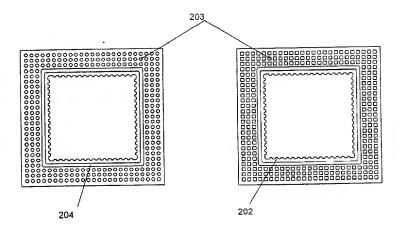


Figure 8A

Figure 8B

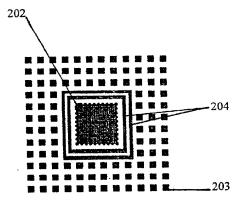


Figure 9